KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:					. (See Inst	ructi	ions on Re	verse S	Side)						•	
Open Flow				Test Date: API No. 15														
Deliverabilty					Test Date: 11/12/13							175-21330 -	0000					
Company Cabot Oi		s C	orporation						Lease Keating	j-Steph	nens	3			4-2	Well N	umber	
County Seward (Locat C-NW	Location C-NW			Section 2			TWP 34S			W)			Acres 640	Attributed	
Field Adamson				Reservoir Morrow					Gas Gathering Connection Anadarko Energy Service									
Completion Date 10/17/1994					·	Plug Back Total Depth 6080						Packer Set at None						
Casing Si 5 1/2"	ze		Weig 15.5	ht	Internal Diameter 3.950			Set at 1529			Perforations 6321			то 6276				
Tubing Size ? 3/8"			Weight 4.7			Diameter		Set : 594			Perfo	rations		то 5990				
Type Completion (De Single Gas			escribe)		Type Fluid Production None							Pump Unit or Traveling Plunger No			? Yes	/ No		
Producing Thru (Annulus / Tubing) Tubing			g)	% Carbon Dioxide					% Nitrogen					Gas Gravity - G _g				
Vertical D	epth(H)						P	ress	sure Taps	•		•			(Meter	Run) (F	Prover) Size	
Pressure	Buildup	: :	Shut in 11	/12	20	0_13_at_1	0:15 Al	М	(AM) (PM)	Taken.	•		20	at_			(AM) (PM)	
Well on Li	ne:	;	Started 11/	13	20	13 at 10	0:15 AI	M	(AM) (PM)	Taken			20	at _		····	(AM) (PM)	
							OBSEF	?VE	D SURFAC	E DATA	`			Duration	of Shut-	-in _24	Hours	
Static / Dynamic Property	Orifice Size (inche:	ize Prover Pressure		- 1	Pressure Differential in Inches H ₂ 0	Temperature Temp		Vell Head Wellhe		asing d Pressure (P _t) or (P _c)		Wellhe	Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In					2				26	psia		138	psia					
Flow																		
·- ·-····				1			FLOW S	STR	EAM ATTR	RIBUTES	s							
Plate Coeffieci (F _b) (F _p Mcfd		Circle one: Meter or Prover Pressure psia			Press Grav Extension Fact √ P _m xh F _g		tor Te		Factor I		Devia Fac F _p	tor R		v GOR (Cubic Fe Barrel)			Flowing Fluid Gravity G _m	
						(005)	2000 (200)											
° _c)² =		:	(P _w) ² =	=	:	(OPEN FLO	JVV) (DE	LIVE %		P _e - 14.4			:		(P _a) (P _d)	$x^2 = 0.3$	207	
(P _c) ² - (F or (P _c) ² - (F	_	(P _c) ² - (P _w) ²		Cho	ose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ fed by: $P_c^2 - P_a^2$	LOG of formula 1. or 2. and divide by:			Backpressure Slope = " or Assigned Standard Sl		e Curve		n x LOG		Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)	
														`				
Open Flov	v				Mcfd @ 14.6	65 psia			Deliverab	oility				Mcfd @	14.65 ps	ia		
					ehalf of the report is true				_	uthorize 1st			ovember	rt and th	at he ha		vledge of 20 13 .	
10013 31	atou tile	. 011	, and that S	aru	roport is true	and correct	. EXECU	ieu I	mus mė 🔽	M	_ a	מא טו ארו ל	1) NA	n		,	٠	
			Witness	(if any	y)			-	_	-, ,	<u>u</u>	()	For C	company				
	,		For Comr	nissic	מפ			_	-				Chec	ked by		NU	C WICI	

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	er penalty of perjury under the laws of the state of Kansas that I am authorized to request
	ler Rule K.A.R. 82-3-304 on behalf of the operator Cabot Oil & Gas Corporation
	poing pressure information and statements contained on this application form are true and
	of my knowledge and belief based upon available production summaries and lease records
	allation and/or upon type of completion or upon use being made of the gas well herein named.
	est a one-year exemption from open flow testing for the Keating-Stephens #4-2
gas well on the gr	ounds that said well:
(Check	one)
·	is a coalbed methane producer
	is cycled on plunger lift due to water
	is a source of natural gas for injection into an oil reservoir undergoing ER
	is on vacuum at the present time; KCC approval Docket No
✓	is not capable of producing at a daily rate in excess of 250 mcf/D
I further agre	e to supply to the best of my ability any and all supporting documents deemed by Commission
taff as necessar	to corroborate this claim for exemption from testing.
Date: 11/21/13	
	Signature: May Junes
	Title: Mary Torres Regulatory Analyst
	Hitle:mary_rones / rregulatory Allaryst

Instructions:

If a gas well meets one of the eligibility criteria set out in KCC regulation K.A.R. 82-3-304, the operator may complete the statement provided above in order to claim exempt status for the gas well.

At some point during the current calendar year, wellhead shut-in pressure shall have been measured after a minimum of 24 hours shut-in/buildup time and shall be reported on the front side of this form under **OBSERVED SURFACE DATA**. Shut-in pressure shall thereafter be reported yearly in the same manner for so long as the gas well continues to meet the eligibility criterion or until the claim of eligibility for exemption **IS** denied.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than December 31 of the year for which it's intended to acquire exempt status for the subject well. The form must be signed and dated on the front side as though it was a verified report of annual test results.

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